

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051899

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K9/00 G10L17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06K G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/16937 A (WAVEMAKERS RES INC ; ZAKARAUSKAS PIERRE (US)) 8 March 2001 (2001-03-08) abstract page 8, line 28 - page 9, line 17 -----	1-5, 9-13, 17-21
X	DE 198 10 792 A (ZENTRUM FUER NEUROINFORMATIK G) 16 September 1999 (1999-09-16) abstract page 2, lines 40-44 page 3, lines 5-14 page 7, lines 50-65 figure 2 -----	1-4, 6
X	DE 199 36 097 A (GIESECKE & DEVRIENT GMBH) 8 February 2001 (2001-02-08) abstract column 3, lines 22-45 -----	7, 8, 15, 16, 23, 24

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 December 2004

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05/01/2005

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0116937	A	08-03-2001	AU	7471600 A		26-03-2001
			CA	2382122 A1		08-03-2001
			EP	1210711 A1		05-06-2002
			JP	2003508804 T		04-03-2003
			WO	0116937 A1		08-03-2001
DE 19810792	A	16-09-1999	DE	19810792 A1		16-09-1999
			CA	2323867 A1		16-09-1999
			WO	9946737 A1		16-09-1999
			EP	1062640 A1		27-12-2000
			JP	2002507035 T		05-03-2002
DE 19936097	A	08-02-2001	DE	19936097 A1		08-02-2001
			AT	236440 T		15-04-2003
			AU	6828200 A		19-02-2001
			CN	1145114 T		07-04-2004
			DE	50001652 D1		08-05-2003
			WO	0109846 A1		08-02-2001
			EP	1208539 A1		29-05-2002
			ES	2191636 T3		16-09-2003